

C6225551

MODEL 700™ M24

Model **SMS**™

Action

Barrel Length

Capacity

Order No. **5716**

*Includes 1 in chamber.

Remington

SNIPER WEAPON SYSTEM - UNIQUE STATISTICAL INFORMATION

FIREARM SERIAL NUMBER / DATASET NAME: C6225551.__0
FILE DATE AND TIME: 10/09/2002 14:08

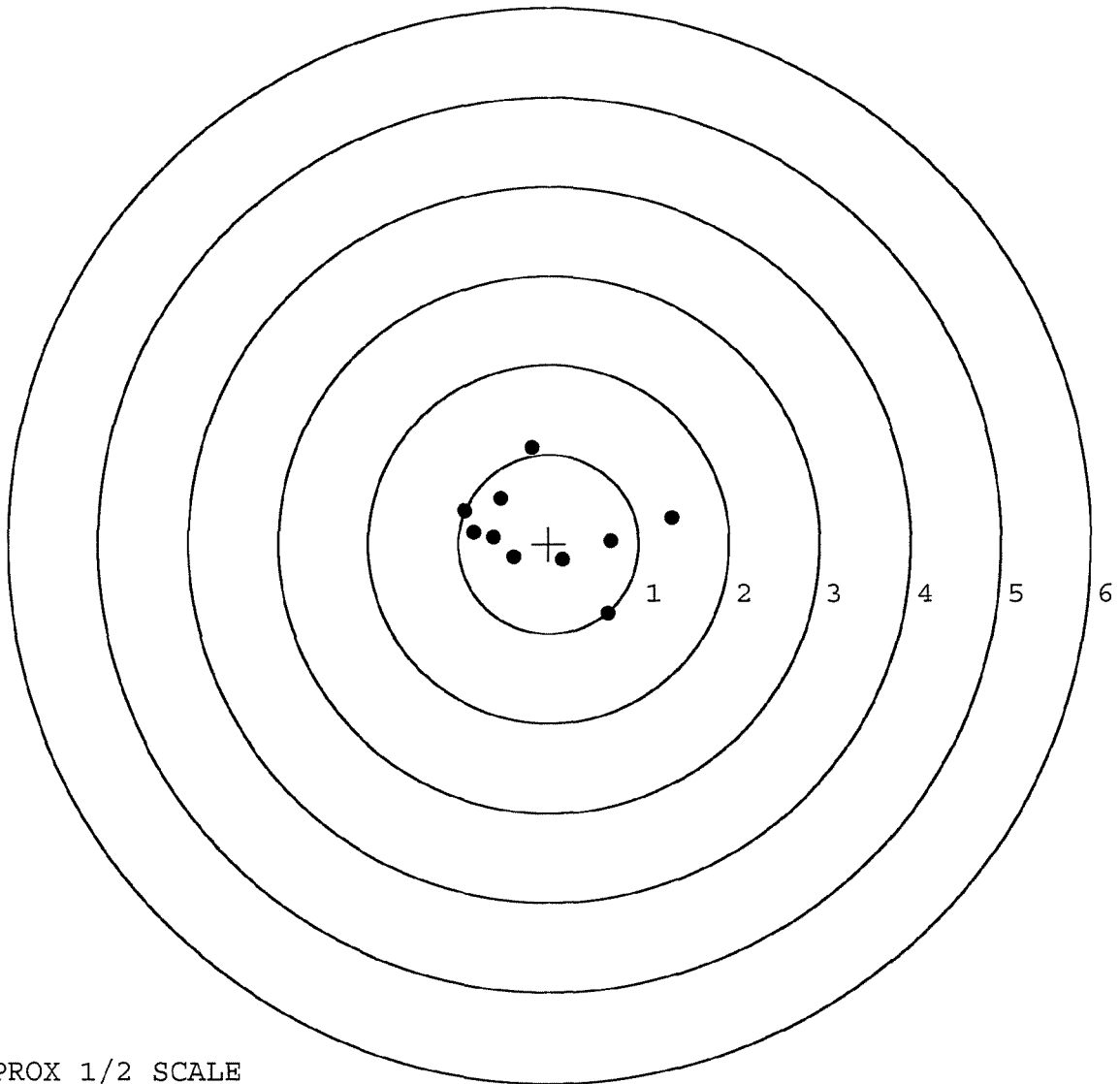
THE FOLLOWING DATA IS ALL REPORTED IN UNITS OF INCHES

The Average X Centroid of the Five Target Set:	-0.015
The Average Y Centroid of the Five Target Set:	-0.024
The Average Point of Impact of the Five Target Set:	0.028
The Average Mean Radius of the Five Target Set:	0.530
The Distance from POA to Centroid Target #1:	0.152
The Distance from Centroid Target #2 to Centroid Target #1:	0.324
The Distance from Centroid Target #3 to Centroid Target #1:	0.145
The Distance from Centroid Target #4 to Centroid Target #1:	0.156
The Distance from Centroid Target #5 to Centroid Target #1:	0.223

SERIAL NUMBER: C6225551.___0
TARGET NUMBER: 1
FILE DATE: 10/09/2002
FILE TIME: 14:08

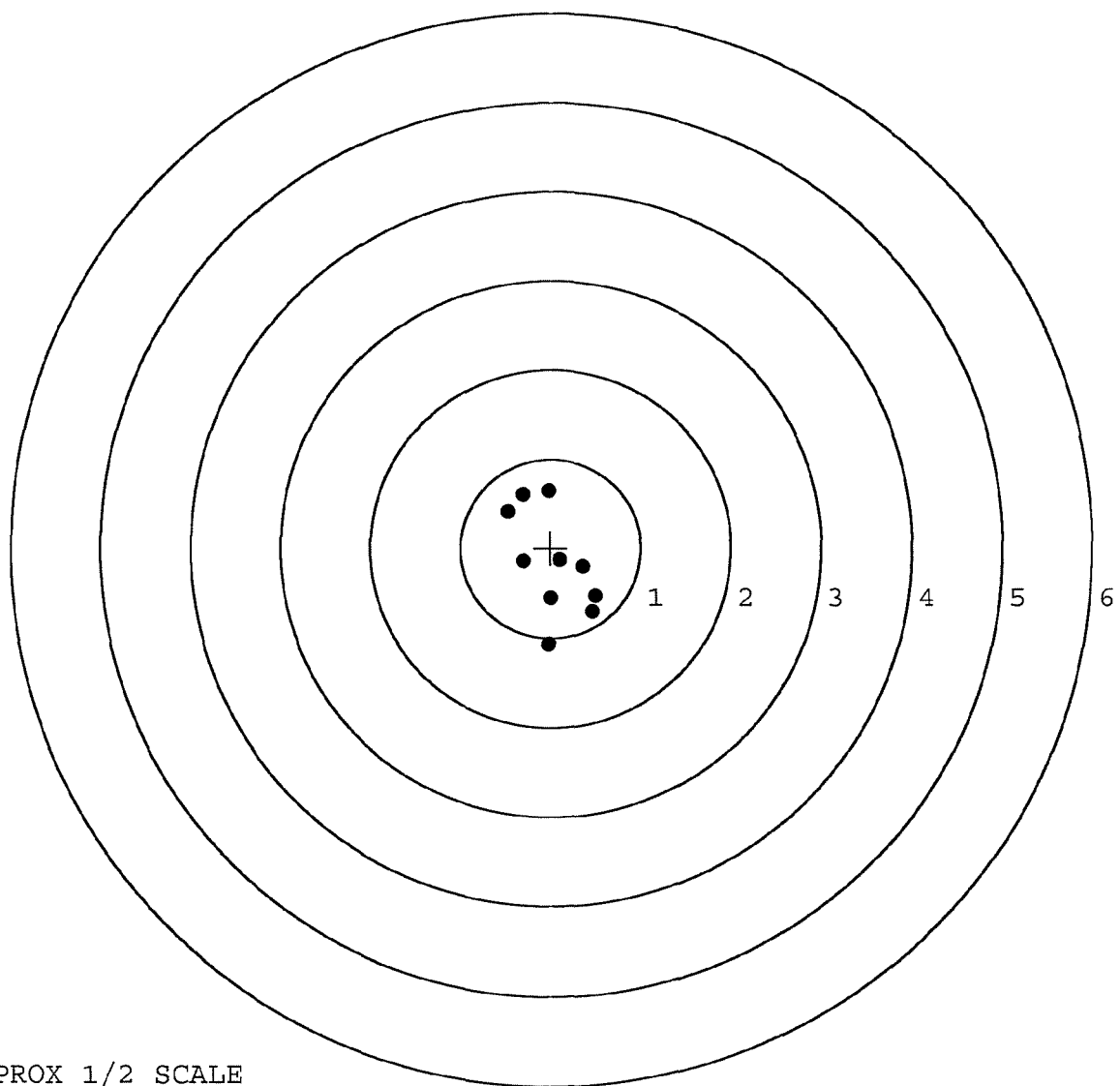
POINT#	X	Y
1:	0.656	-0.774
2:	1.365	0.287
3:	0.690	0.039
4:	0.154	-0.185
5:	-0.537	0.507
6:	-0.193	1.075
7:	-0.934	0.368
8:	-0.835	0.129
9:	-0.612	0.080
10:	-0.392	-0.151

X CENTROID: -0.064
Y CENTROID: 0.138
POA TO CENTROID: 0.152
HORZ SPREAD: 2.299
VERT SPREAD: 1.849
GROUP SPREAD: 2.300
MIN RADIUS: 0.389
MAX RADIUS: 1.437
MEAN RADIUS: 0.795
IN 1 IN DIAMETER: 2
IN 2 IN DIAMETER: 8
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225551. __0	POINT#	X	Y
TARGET NUMBER: 2	1:	-0.026	-1.074
FILE DATE: 10/09/2002	2:	0.465	-0.712
FILE TIME: 14:08	3:	0.498	-0.537
	4:	-0.005	-0.566
X CENTROID: 0.028	5:	0.355	-0.211
Y CENTROID: -0.174	6:	0.106	-0.137
POA TO CENTROID: 0.176	7:	-0.300	-0.153
HORZ SPREAD: 0.975	8:	-0.477	0.408
VERT SPREAD: 1.717	9:	-0.311	0.603
GROUP SPREAD: 1.717	10:	-0.024	0.643
MIN RADIUS: 0.086			
MAX RADIUS: 0.902			
MEAN RADIUS: 0.576			
# IN 1 IN DIAMETER: 4			
# IN 2 IN DIAMETER: 10			
# in 3 IN DIAMETER: 10			



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225551. __0

TARGET NUMBER: 3

FILE DATE: 10/09/2002

FILE TIME: 14:08

POINT#	X	Y
--------	---	---

1:	0.273	-0.565
----	-------	--------

2:	-0.061	0.636
----	--------	-------

3:	-0.299	0.466
----	--------	-------

4:	-0.404	-0.143
----	--------	--------

5:	-0.746	-0.192
----	--------	--------

6:	-0.037	-0.211
----	--------	--------

7:	0.048	0.002
----	-------	-------

8:	0.392	-0.127
----	-------	--------

9:	0.363	0.070
----	-------	-------

10:	0.580	0.197
-----	-------	-------

X CENTROID: 0.011

Y CENTROID: 0.013

POA TO CENTROID: 0.017

HORZ SPREAD: 1.326

VERT SPREAD: 1.201

GROUP SPREAD: 1.382

MIN RADIUS: 0.039

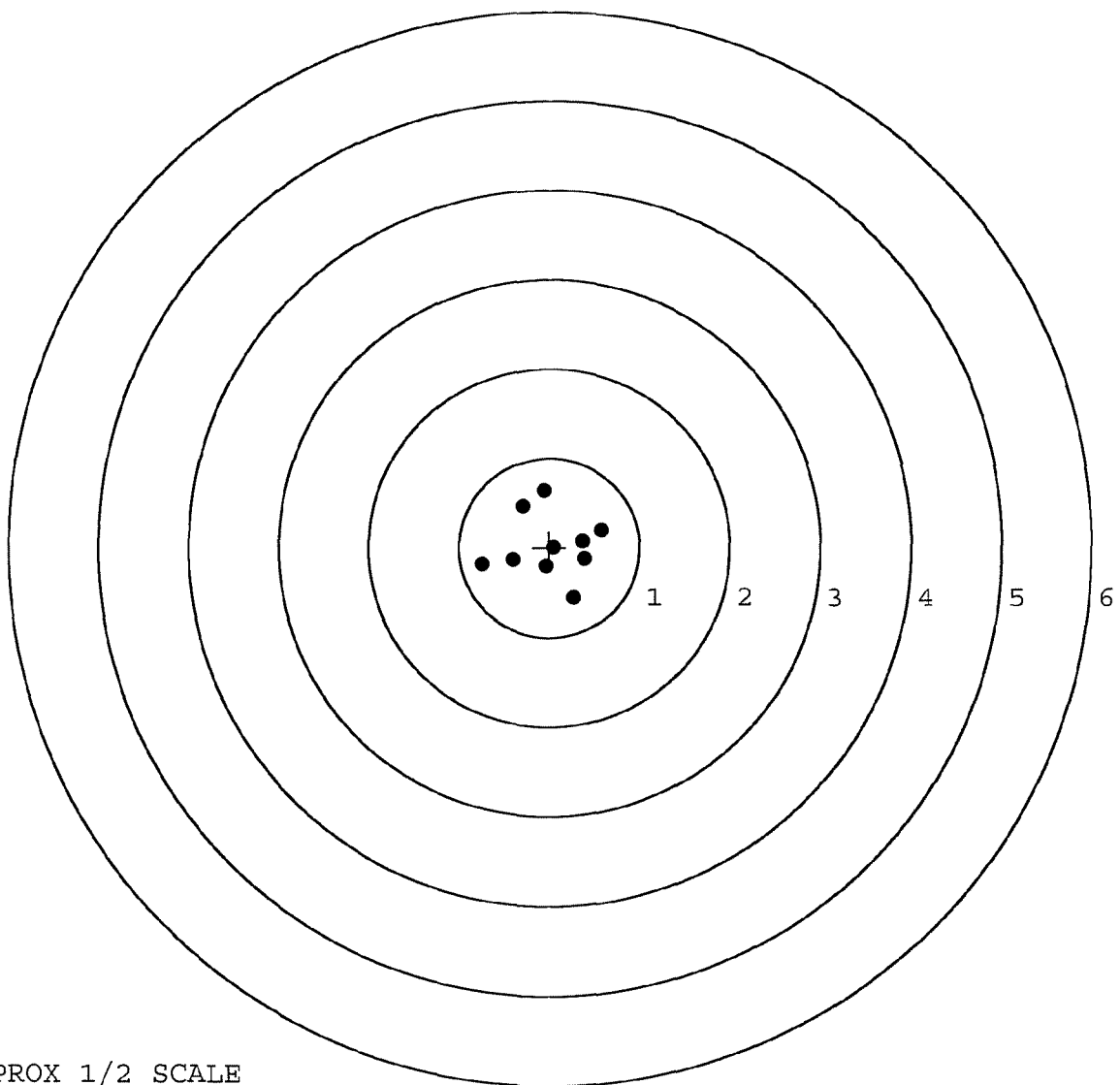
MAX RADIUS: 0.784

MEAN RADIUS: 0.467

IN 1 IN DIAMETER: 5

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10

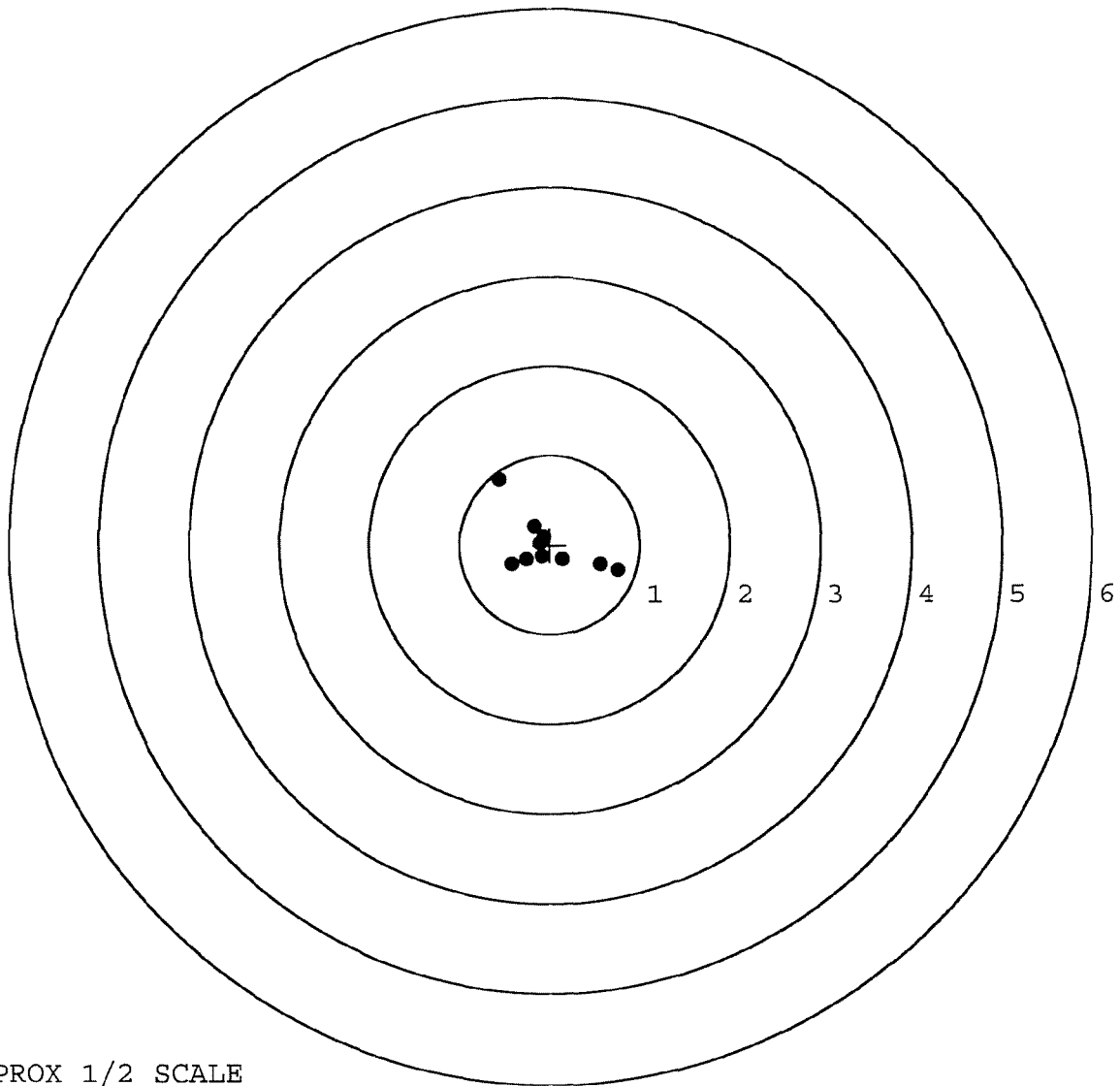


TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225551.___0
TARGET NUMBER: 4
FILE DATE: 10/09/2002
FILE TIME: 14:08

POINT#	X	Y
1:	0.755	-0.281
2:	0.563	-0.220
3:	-0.564	0.728
4:	-0.172	0.210
5:	-0.067	0.088
6:	0.142	-0.162
7:	-0.087	-0.133
8:	-0.261	-0.164
9:	-0.422	-0.214
10:	-0.108	0.022

X CENTROID: -0.022
Y CENTROID: -0.013
POA TO CENTROID: 0.025
HORZ SPREAD: 1.319
VERT SPREAD: 1.009
GROUP SPREAD: 1.661
MIN RADIUS: 0.093
MAX RADIUS: 0.918
MEAN RADIUS: 0.392
IN 1 IN DIAMETER: 7
IN 2 IN DIAMETER: 10
in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

SERIAL NUMBER: C6225551. __ 0

TARGET NUMBER: 5

FILE DATE: 10/09/2002

FILE TIME: 14:08

POINT#	X	Y
--------	---	---

1:	0.505	0.477
----	-------	-------

2:	-0.644	0.237
----	--------	-------

3:	-0.283	0.054
----	--------	-------

4:	-0.432	-0.241
----	--------	--------

5:	-0.285	-0.258
----	--------	--------

6:	-0.117	-0.396
----	--------	--------

7:	0.026	-0.337
----	-------	--------

8:	0.152	-0.231
----	-------	--------

9:	0.291	-0.021
----	-------	--------

10:	0.517	-0.113
-----	-------	--------

X CENTROID: -0.027

Y CENTROID: -0.083

POA TO CENTROID: 0.087

HORZ SPREAD: 1.161

VERT SPREAD: 0.873

GROUP SPREAD: 1.180

MIN RADIUS: 0.232

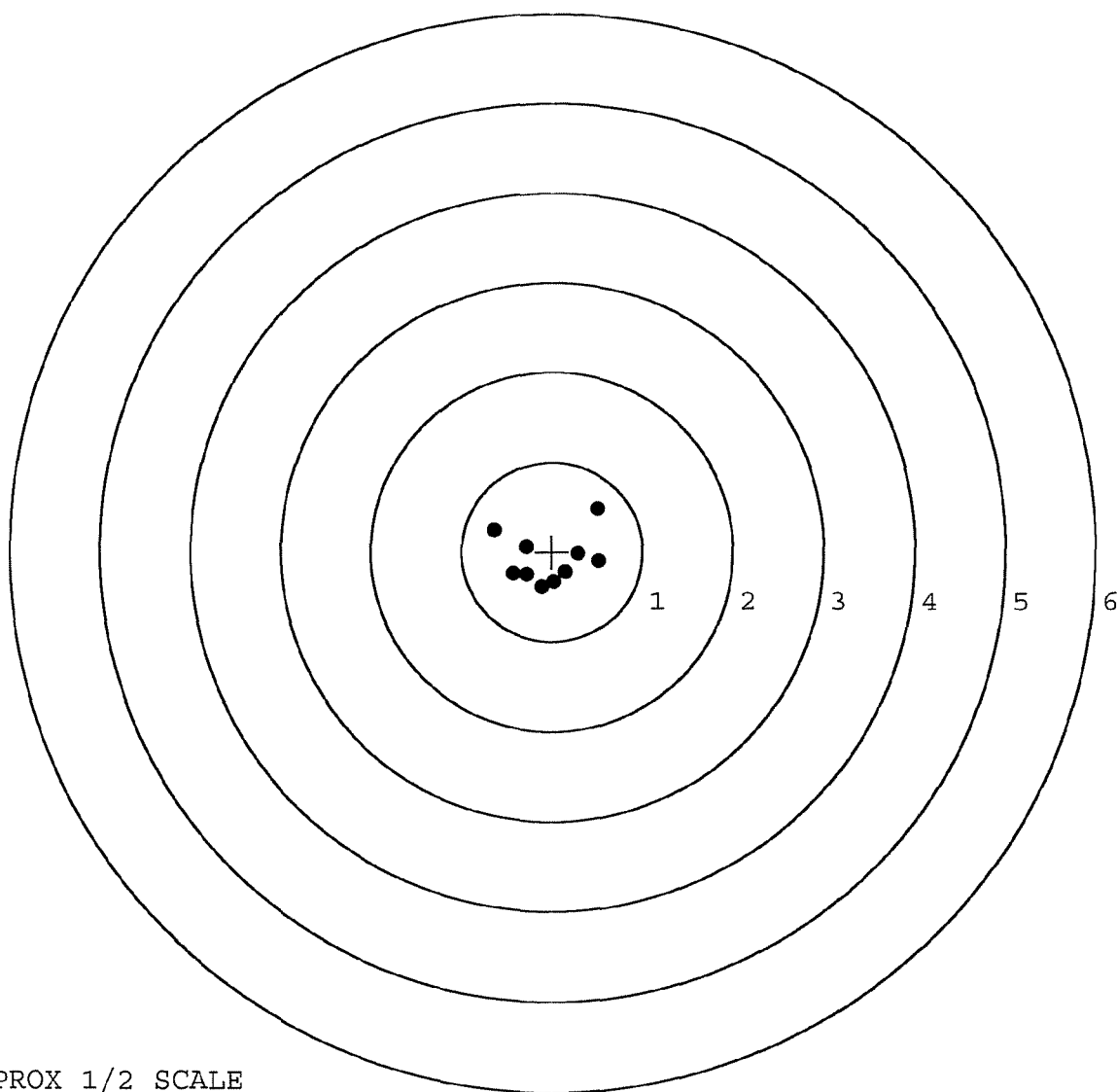
MAX RADIUS: 0.772

MEAN RADIUS: 0.419

IN 1 IN DIAMETER: 7

IN 2 IN DIAMETER: 10

in 3 IN DIAMETER: 10



TARGET APPROX 1/2 SCALE

M-24 INSPECTION CHECKLIST
CONTRACT #: DAAE-20-97-C-242

R & E NUMBER	52613		
SERIAL NUMBER	06225551		
LOG-IN DATE	9/19/02		
INSPECT AND VERIFY:			
OPERATION #	OPERATION NAME	DATE	INITIAL
550	DIS-ASSEMBLE GUN	9/23/02	RL
560 A	RE-BARREL	9/23/02	RL
B	DRILL AND TAP	9-23-02	Ac
575	ASSEMBLE	9/24/02	RL
600	PROOF	9-25-02	Ac
605	CHECK HEADSPACE	9-25-02	Ac
610	DIS-ASSEMBLE GUN	9/24/02	RL
612	MAGNAFLUX	RL	
615	ROLLMARK CALIBER	9/27/02	TUD
618	ROTO-BLAST	9/30/02	Ko
620	APPLY COATINGS	10-5	T*
625 A	FINAL ASSEMBLY	10/8/02	RL
B	TRIGGER PULL TEST		
C	SAFETY "ON" FORCE		
D	SAFETY "OFF" FORCE		
E	FIRING PIN INDENT		
640	TARGET	10-8-02	TRW
655	FINAL INSPECT	10/11/02	RL
660	PACK	10-16-02	10A
		SHIP DATE	
	QAR INSPECTION DATE		

Final Inspection

In: C622551

DATE REC'D: 9/19/02

DATE RET'D: 10/11/02

Inspector: R

Item:

Barrel Assy.

☒ Barrel☒ Receiver☒ Front Sight Block☒ Rear Sight Block☒ Screws☒ Finish

Scope Assy.

☒ Scope☒ Scope Rings☒ Mounting Screws☒ Mounting Base☒ Screws☒ Finish☒ Looseness☒ Clarity

Misc.

☒ DD-250☒ BAR CODE☒ PACKAGING

Item:

Stock Assy.

☒ Stock☒ Sling Swivel Studs☒ Adjustable Butt Plate☒ Lock Nuts☒ Barrel Clearance☒ Color/Finish

Systems Case

☒ Scope Case☒ Iron Sights☒ Deployment Kit

Trigger

☒ Safety Operation☒ Set

Comments: _____

Remington



VERY IMPORTANT:
Instruction Book
enclosed to assure
safe use of this
firearm.

MODEL 700™ H24

SERIAL NO.
C6225551

ORDER NO.
5716

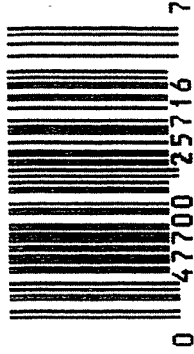
MADE IN ILION, N.Y. U.S.A. Reg. U.S. Pat & Tm. Off, Marca Registrada Marque Deposee.

01



5716 C6225551

UPC



CONTRACT # DAAA21-87-C-0086

GUN SERIAL # C6225551

OP. #	OP. NAME	READINGS	DATE	INIT
575 & 580	Assemble Action and Stock	4 4	89	RW
600	Proof	4 4	89	RW
607	Check Headspace	4 4	89	RW
610	Dis-assemble Gun	4 4	89	RW
612	Magnaflux Barrel Action	4-6	89	KCR
	Magnaflux Bolt	4-7	89	KCR
615	Rollmark Caliber	4-7	89	GS
617	Drill and Tap Sight Holes	4	7 89	FB
618	Polish Barrel	4	7 89	BT
620	Apply Coatings (Barrel Action)		4-19-89	TJA
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/24/89	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/24/89	RW
	C) Inspect Ejector Hole for Chamfer		4/24/89	RW
	D) Oil Firing Pin Ass'y		4/24/89	RW
	E) Adjust Trigger Pull to Min Setting and Stake		4/28/89	WB

op. #	OP. NAME	READINGS					DATE	INIT
625 cont.	F) Safety On Force	6.0	5.0	5.75			4/28/89	WB
	G) Safety Off Force	4.0	4.0	3.75			4/28/89	WB
	H) Trigger Pull Test & Retainability						4/28/89	WB
	I) Firing Pin Indent	.02025	.02025	.02025			4/28/89	WB
	J) Assemble Stock						5/1/89	RW
	K) Assemble Swivel Studs						16 May 89	JS
	L) Attach Front and Rear Sight Assemblies						5/1/89	RW
	M) Iron Sight Alignment						5/1/89	RW
	N) Detach Front & Rear Sights & place in numbered container						5/1/89	RW
	O) Attach Scope to Rifle						5/1/89	JS
	P) Detach & Attach Scope 20 Times						5/1/89	JS
640	Gallery Target & Test	61 R	87 L				5/3/89	K
	A) Time						5/3/89	K
	B) Malfunctions						5/3/89	K
	C) Pierced Primers						5/3/89	K
	D) Optical Clarity of Scope						5/3/89	K
645	Inspect for Live Ammo						5/3/89	K
655	Final Inspection							
	A) Headspace						16 May 89	JS
	B) Trigger Pull	2.72	2.77	2.64	2.70	2.83	16 May 89	JS
	C) Function						16 May 89	JS
660	Pack						27 June 89	JS

SWS TRIGGER PULL TEST

AVERAGE PULL FORCE BETWEEN
INITIAL & CYCLE TESTS
2.50# + .50#
3.00# + .75#
4.00# + 1.00#

SERIAL NO. C6225551
DATE 3/29/90
TESTER DH

	2.50# INITIAL	2.50# AFTER 50 CYCLES	FINAL TEST & TO RESET 2.50#	COMMENTS
PULL #1	2.40	2.43	2.52	MIN. SETTING, NO AVG. OF 5 READINGS ACCEPT- ABLE LESS THAN 2#
PULL #2	2.21	2.44	2.34	
PULL #3	2.29	2.36	2.49	
PULL #4	2.32	2.33	2.44	
PULL #5	2.38	2.36	2.43	
TOTAL	11.60	11.92	12.22	
AVG.	2.32	2.38	2.44	

	3.00# INITIAL	3.00# AFTER 20 CYCLES	COMMENTS
PULL #1	3.35	3.18	
PULL #2	3.13	3.13	
PULL #3	3.09	3.14	
PULL #4	3.17	3.15	
PULL #5	3.26	3.13	
TOTAL	16.00	15.73	
AVG.	3.20	3.14	

	4.00# INITIAL	4.00# AFTER 20 CYCLES	MAX SETTING GREATER THAN 4#	RESET TO 4# FOR TARGET & ACCURACY
PULL #1	4.31	4.32		
PULL #2	4.17	4.30		
PULL #3	4.29	4.35		
PULL #4	4.26	4.31		
PULL #5	4.34	4.32		
TOTAL	21.37	21.60		
AVG.	4.27	4.32		

CENTROIDAL DISTANCES

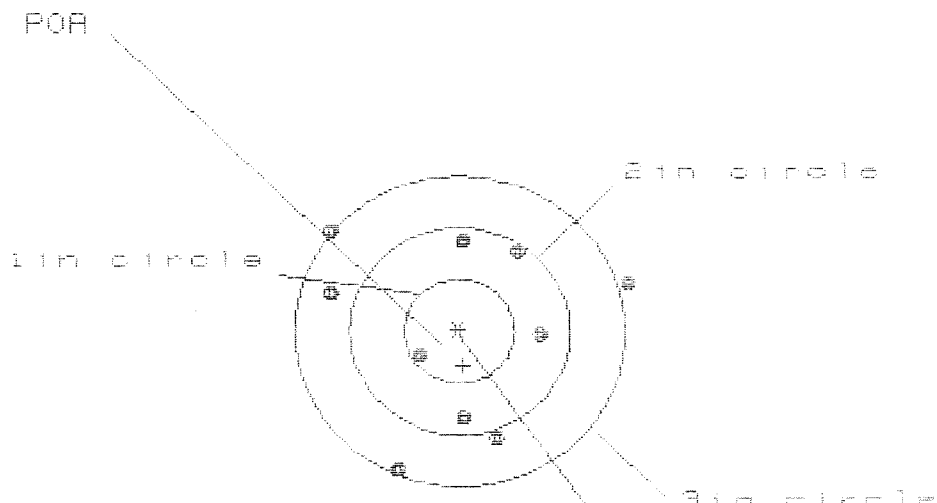
4-11-1964

M2400051316

3 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/00220051

CENTERFIRE PATTERNS # 1



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 8

HS = 2.711

VS = 2.250

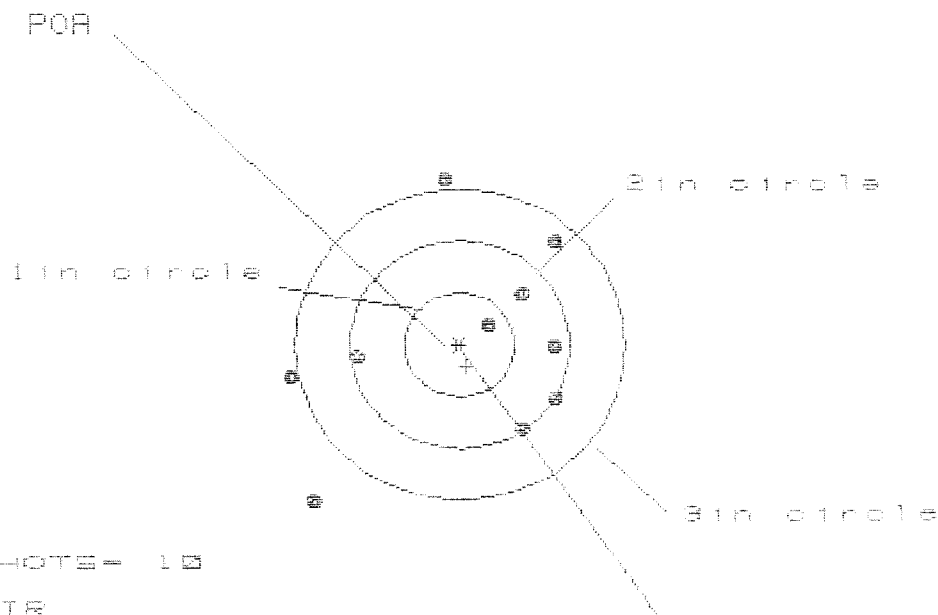
GS = 2.714

PATTERN #	:	1		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.499	.911	.786
MINIMUM X	:	-1.212	-1.046	-1.171
MAXIMUM Y	:	.948	.998	.996
MINIMUM Y	:	-1.302	-1.252	-1.127
CENTROID X	:	-.034	-.200	-.075
CENTROID Y	:	.331	.281	.156
POA TO CENTROID in.	:	.333	.345	.173
MIN RADIUS	:	.410	.240	.325
MEAN RADIUS	:	1.058	.989	.920
MAX RADIUS	:	1.565	1.415	1.287
HORIZONTAL SPREAD	:	2.711	1.957	1.957
VERTICAL SPREAD	:	2.250	2.250	2.123
EXTREME SPREAD	:	2.714	2.511	2.344
NUMBER IN ONE INCH CIRCLE	=		1	
NUMBER IN TWO INCH CIRCLE	=		5	
NUMBER IN THREE INCH CIRCLE	=		8	

3 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/06225551

CENTERFIRE PATTERNS # 2



OF SHOTS = 10

IN CIR

1 in = 1

2 in = 5

3 in = 7

HS = 2.446

VS = 3.016

GS = 3.317

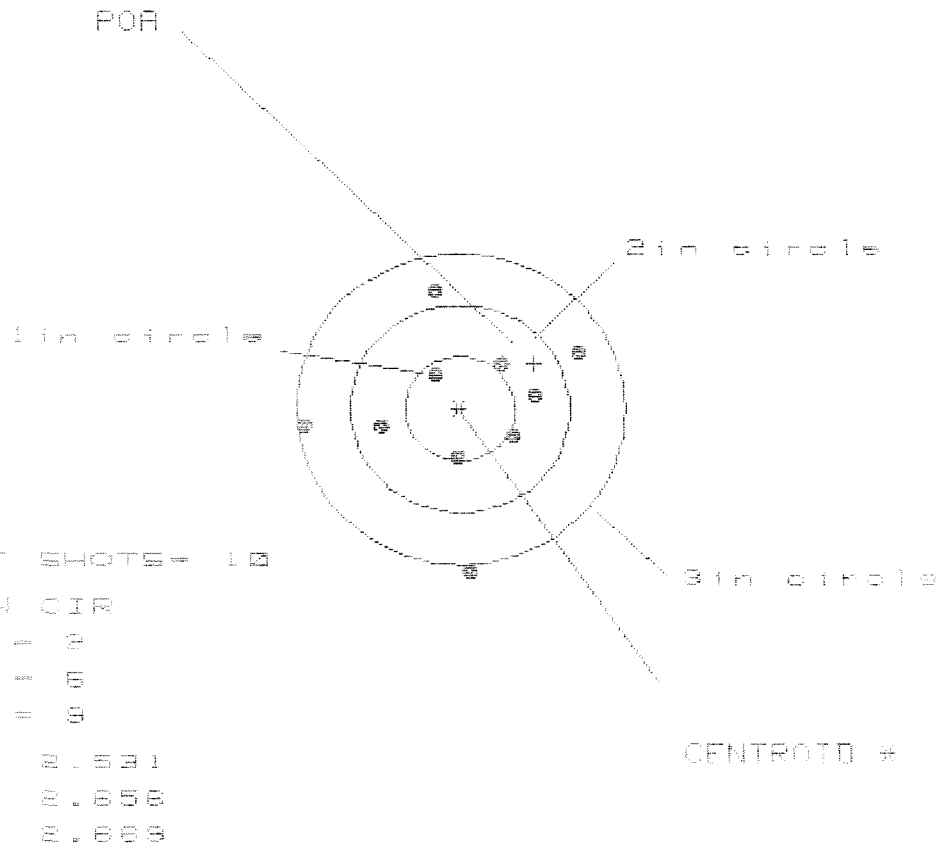
CENTROID *

PATTERN #	2	3	4
SHOTS (BEST OF)	10	9	8
MAXIMUM X	.887	.734	.520
MINIMUM X	-1.559	-1.712	-1.315
MAXIMUM Y	1.545	1.382	1.322
MINIMUM Y	-1.471	-1.977	-1.037
CENTROID X	-.063	.090	.304
CENTROID Y	.208	.371	.431
POA TO CENTROID in.	.217	.382	.528
MIN RADIUS	.376	.165	.058
MEAN RADIUS	1.137	.984	.819
MAX RADIUS	2.012	1.778	1.401
HORIZONTAL SPREAD	2.446	2.446	1.935
VERTICAL SPREAD	3.016	2.359	2.359
EXTREME SPREAD	3.317	2.759	2.438
NUMBER IN ONE INCH CIRCLE =	1		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	7		

3 May 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225551

CENTERFIRE PATTERNS # 3



PATTERN #	:	3		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.072	1.078	.897
MINIMUM X	:	-1.459	-1.453	-.939
MAXIMUM Y	:	1.115	.944	.897
MINIMUM Y	:	-1.541	-.613	-.660
CENTROID X	:	-.678	-.684	-.503
CENTROID Y	:	-.438	-.267	-.220
POA TO CENTROID in.	:	.807	.735	.549
MIN RADIUS	:	.428	.282	.274
MEAN RADIUS	:	.882	.792	.678
MAX RADIUS	:	1.542	1.499	1.002
HORIZONTAL SPREAD	:	2.531	2.531	1.836
VERTICAL SPREAD	:	2.656	1.557	1.557
EXTREME SPREAD	:	2.669	2.641	1.961
NUMBER IN ONE INCH CIRCLE	=		2	
NUMBER IN TWO INCH CIRCLE	=		6	
NUMBER IN THREE INCH CIRCLE	=		9	

3 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/08225551

CENTERFIRE PATTERNS

4

POA

1 in circle

2 in circle

3 in circle

OF SHOTS = 10

IN ONE

1 in = 0

2 in = 5

3 in = 9

CENTROID #

HSI = 0.312

VBI = 0.568

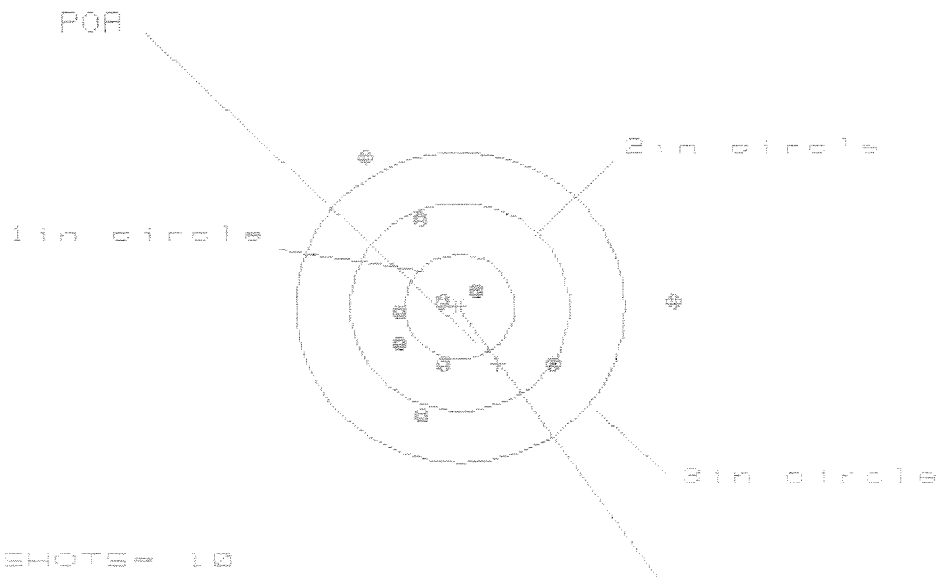
GBI = 0.641

PATTERN #	:	10	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.319	1.809	1.560
MINIMUM X	:	-0.993	-0.846	-0.745
MAXIMUM Y	:	1.323	1.236	1.085
MINIMUM Y	:	-1.245	-1.032	-1.178
CENTROID X	:	.118	-.029	-.130
CENTROID Y	:	.057	.144	-.010
POA TO CENTROID in.	:	.131	.147	.131
MIN RADIUS	:	.614	.602	.703
MEAN RADIUS	:	1.044	.967	.890
MAX RADIUS	:	1.535	1.477	1.214
HORIZONTAL SPREAD	:	2.312	1.655	1.305
VERTICAL SPREAD	:	2.568	2.568	2.263
EXTREME SPREAD	:	2.641	2.641	2.275
NUMBER IN ONE INCH CIRCLE	=	0	0	0
NUMBER IN TWO INCH CIRCLE	=	5	5	5
NUMBER IN THREE INCH CIRCLE	=	9	9	9

3 May 1989

FILE:/PATTERNING/CENTERFIRE_PATT/C8225551

CENTERFIRE PATTERNS # 5



OF SHOTS= 10

IN CIR

1 in = 2

2 in = 6

3 in = 8

HS= 2.788

VS= 2.481

ES= 3.138

CENTROID #

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.984	1.185	1.028
MINIMUM X	-.884	-.672	-.482
MAXIMUM Y	1.453	1.454	1.038
MINIMUM Y	-1.028	-1.027	-.845
CENTROID X	-.347	-.559	-.474
CENTROID Y	.549	.548	.366
POR TO CENTROID in.	.649	.782	.599
MIN RADIUS	.168	.082	.245
MEAN RADIUS	.380	.731	.617
MAX RADIUS	1.904	1.602	1.080
HORIZONTAL SPREAD	2.788	1.777	1.422
VERTICAL SPREAD	2.481	2.481	1.883
EXTREME SPREAD	3.138	2.667	1.883
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	6		
NUMBER IN THREE INCH CIRCLE =	8		

RECEIVING AND ESTIMATING REPORT

COMMENTS

ORDER
R 96-09652

INITIAL JJM	CUSTOMER ORDER NO.		M-24 SNIPER			
DATE RECEIVED 04/08/96	DATE OPENED 04/08/96	DATE CODE DJ 7-89	SERIAL NUMBER C6225551	NEW SERIAL NUMBER	MODEL AND GRADE 700 7.62 NATO	
ACCESSORIES W/STUDS		SCOPE BASE				

FROM:

SHIP TO:

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA 98433

COMMANDER
B CO 1ST SPECIAL FORCES
COMMAND 3RD BN - BOX 339502
FT LEWIS WA 98433

CUST NO: 141138 C.O.D

ACCOUNT NUMBER	ACCOUNT NUMBER N/C	WRITE ☐	PROM. DATE	ESTIMATED	VIA UPS
----------------	--------------------	--------------------------------	------------	-----------	------------

GUN CONDITION

- ☐ NEW
- ☐ LIGHTLY WORN
- ☐ WORN
- ☐ VERY WORN
- ☐ UNREPAIRABLE
- ☐ MARRED

REPAIR CHARGE

EXCISE
TAX
INSURANCE
UPS
PARCEL POST
TOTAL

CUSTOMER CONCERN	AMMO	FUNCTION	FINISH	ACCURACY	FIT	INSPECT
CYCLE	A1	B1				
TRIGGER GROUP		B2			E1	F1
BOLT ASSY.		B3			E2	F2
BARREL ASSY.		B4		D1	E3	F3
REC. ASSY.		B5		D2	E4	F4
WOOD			C1	D3	E5	F5
METAL			C2			

MAIN FAULT

PARTS	COMMENTS
New Barrel - 9603	Repauder Coat Trigger Guard Assy, Front Rail Sight Bases, RAZINE Scope Base & Swivel Studs
REPAIRMAN RW	PROOF RW
GALLERY TESTER PA	DATE 4/15/96
	CLEAN C
	DATE 4/22/96
	TEST A
	DATE 4/22/96
	TARGET A
	DATE 4/22/96
	PATTERN

OFFICE COPY

FD6925 REV. 1/94

CONFIDENTIAL-SUBJECT TO PROTECTIVE ORDER
KINZER V. REMINGTON

M2400051322

CONTRACT # DAAA21-87-C-0086

Barrel

GUN SERIAL # C6225551

OP. #	OP. NAME	READINGS	DATE	INITIAL
575 & 580	Assemble Action and Stock		4/15/96	RW
600	Proof		4/15/96	RW
607	Check Headspace		4/15/96	RW
610	Dis-assemble Gun		4/15/96	RW
612	Magnaflux Barrel Action			
	Magnaflux Bolt			
615	Rollmark Caliber			
617	Drill and Tap Sight Holes			
618	Polish Barrel			
620	Apply Coatings (Barrel Action)			
	Apply Coating (Bolt)			
625	Final Assembly A) Clean inside of Bolt Assembly		4/22/96	RW
	B) Inspect Rear Firing Pin Hole for Chamfer in Bolt Head		4/22/96	RW
	C) Inspect Ejector Hole for Chamfer		4/22/96	RW
	D) Oil Firing Pin Ass'y		4/22/96	RW
	E) Adjust Trigger Pull to Min Setting and Stake			

op. #	OP. NAME	READINGS				DATE	INIT
625 cont.	F) Safety On Force						
	G) Safety Off Force						
	H) Trigger Pull Test & Retainability						
	I) Firing Pin Indent						
	J) Assemble Stock						
	K) Assemble Swivel Studs						
	L) Attach Front and Rear Sight Assemblies						
	M) Iron Sight Alignment						
	N) Detach Front & Rear Sights & place in numbered container						
	O) Attach Scope to Rifle						
	P) Detach & Attach Scope 20 Times						
640	Gallery Target & Test					4/22/96	RD
	A) Time						
	B) Malfunctions						
	C) Pierced Primers						
	D) Optical Clarity of Scope						
645	Inspect for Live Ammo					4/22/96	RD
655	Final Inspection						
	A) Headspace					4/24/96	RLW
	B) Trigger Pull					4/24/96	RLW
	C) Function					4/24/96	RLW
660	Pack						

Final Inspection

Sn: C622555/

DATE REC'D: 4/8/86

DATE RET'D:

Auditor: MW

Item:

Barrel Assy.

☒ BARREL☒ RECEIVER☒ FRONT SIGHT BLOCK☒ REAR SIGHT BLOCK☒ SCREWS☒ FINISH

Scope Assy.

☐ Scope☐ Scope Rings☐ Mounting Screws☒ Mounting Base☒ SCREWS☐ FINISH☐ Looseness☐ CLARITY

Misc.

☐ DD-250☐ BAR CODE☐ PACKAGING

Item:

Stock Assy.

☒ STOCK☒ SLING SWIVEL STUDS☒ ADJUSTABLE BUTT PLATE☒ LOCK NUTS☒ BARREL CLEARANCE☒ COLOR/FINISH

Systems Case

☐ Scope Case☐ IRON SIGHTS☐ Deployment Kit

Trigger

☒ SAFETY OPERATION☒ SET

Comments:

CENTROIDAL DISTANCE CALCULATIONS
FOR RIFLE # 06225551
22 Feb 1900

CENTROIDAL DISTANCES

0 TO 1	.913469
1 TO 2	.266813
1 TO 3	.476875
1 TO 4	.507058
1 TO 5	.359651

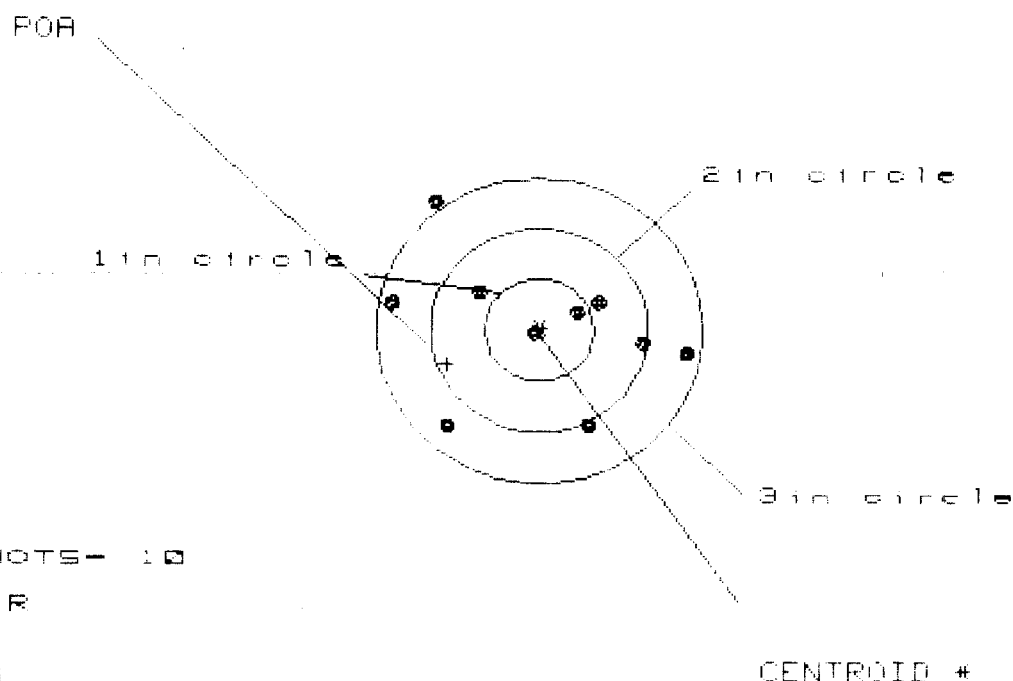
$\bar{x}_1$
+ $\bar{y}_1$ ----- POB

THE AVERAGE X-COORDINATE FOR THIS RIFLE IS: .568
THE AVERAGE Y-COORDINATE FOR THIS RIFLE IS: .30182
THE RESULTING AVERAGE POI RADIUS FOR THIS RIFLE IS: .64321
THE AMR FOR THIS RIFLE IS: 1.00.

28 Feb 1908

FILE:/PATTERNING/CENTERFIRE_PATT/C6225551

CENTERFIRE PATTERNS # 1



OF SHOTS- 10

IN CIR

1in = 2

2in = 5

3in = 9

HS= 2.714

VS= 2.206

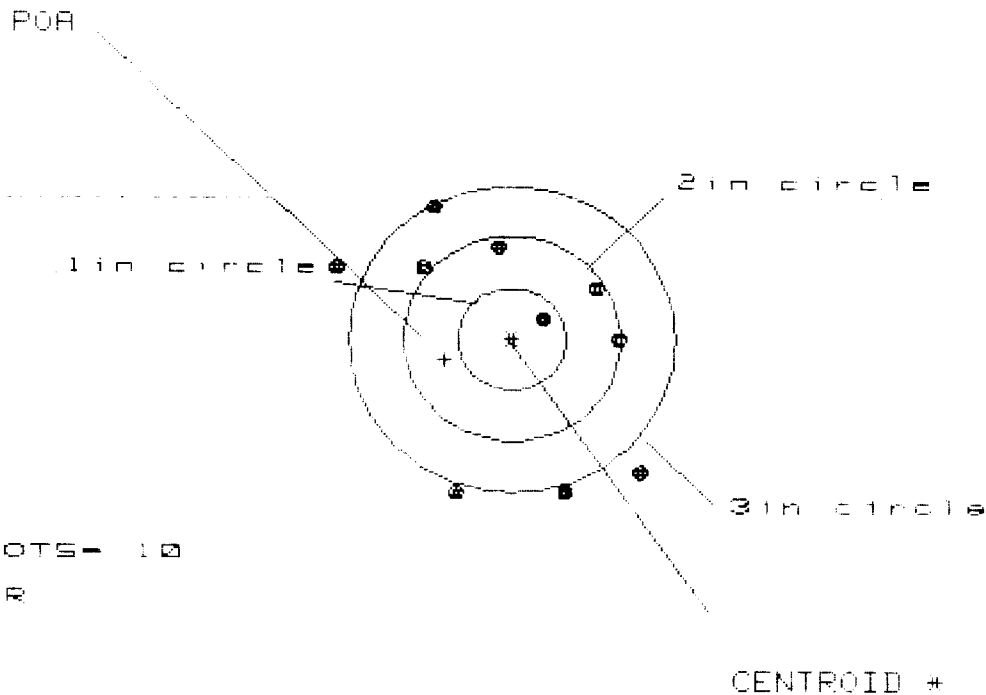
GS= 2.752

PATTERN #	1	2	3
SHOTS (BEST OF)	10	9	8
MAXIMUM X	1.340	1.286	1.051
MINIMUM X	-1.374	-1.478	-1.162
MAXIMUM Y	1.275	.475	.522
MINIMUM Y	-.931	-.790	-.743
CENTROID X	.851	.955	1.140
CENTROID Y	.332	.190	.143
POA TO CENTROID in.	.913	.974	1.149
MIN RADIUS	.044	.157	.339
MEAN RADIUS	.931	.855	.756
MAX RADIUS	1.584	.926	1.364
HORIZONTAL SPREAD	2.714	.714	2.213
VERTICAL SPREAD	2.206	1.265	1.265
EXTREME SPREAD	2.752	.752	2.316
NUMBER IN ONE INCH CIRCLE =	2		
NUMBER IN TWO INCH CIRCLE =	5		
NUMBER IN THREE INCH CIRCLE =	9		

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225551

CENTERFIRE PATTERNS # 2



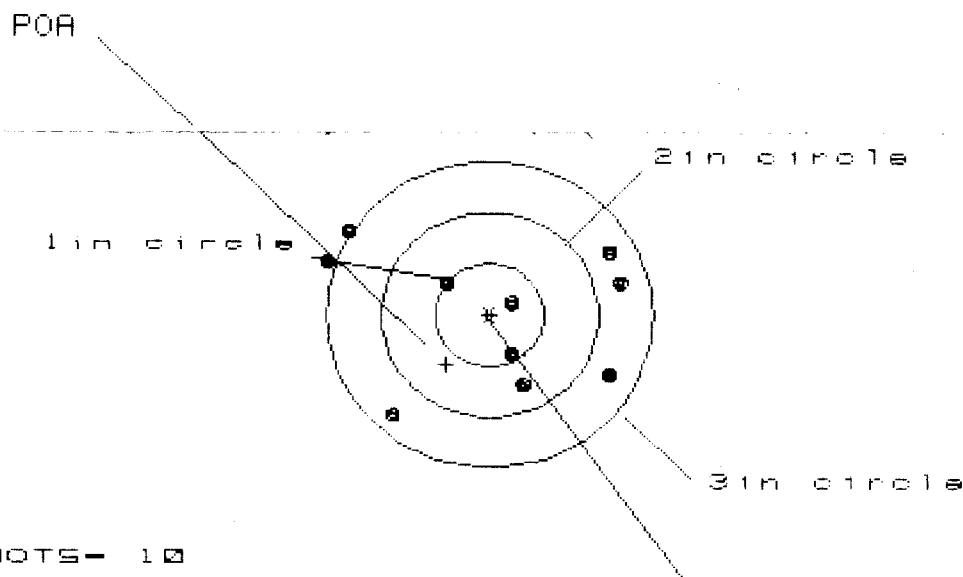
OF SHOTS- 10
 # IN CIR
 1in - 1
 2in - 4
 3in - 5
 HS= 2.700
 VS= 2.800
 GS= 3.388

PATTERN #	2
SHOTS (BEST OF)	10
MAXIMUM X	1.133
MINIMUM X	-1.575
MAXIMUM Y	1.319
MINIMUM Y	-1.482
CENTROID X	.618
CENTROID Y	.282
POA TO CENTROID in.	.650
MIN RADIUS	.370
MEAN RADIUS	1.200
MAX RADIUS	1.747
HORIZONTAL SPREAD	2.700
VERTICAL SPREAD	2.800
EXTREME SPREAD	3.700
NUMBER IN ONE INCH CIRCLE	1
NUMBER IN TWO INCH CIRCLE	4
NUMBER IN THREE INCH CIRCLE	5

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/06225551

CENTERFIRE PATTERNS # 3



OF SHOTS- 10

IN CIR

1in = 3

2in = 4

3in = 8

HS= 2.684

VS= 1.786

GS= 2.867

CENTROID *

PATTERN #	:	3	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.158	.989	.805
MINIMUM X	:	-1.526	-1.475	-1.258
MAXIMUM Y	:	.771	.825	.756
MINIMUM Y	:	-1.015	-.981	-.857
CENTROID X	:	.398	.567	.751
CENTROID Y	:	.481	.427	.323
POA TO CENTROID in.	:	.624	.710	.818
MIN RADIUS	:	.260	.163	.233
MEAN RADIUS	:	1.003	.902	.783
MAX RADIUS	:	1.684	1.690	1.523
HORIZONTAL SPREAD	:	2.684	2.464	2.063
VERTICAL SPREAD	:	1.786	1.786	1.613
EXTREME SPREAD	:	2.867	2.784	2.578
NUMBER IN ONE INCH CIRCLE =	:	3		
NUMBER IN TWO INCH CIRCLE =	:	4		
NUMBER IN THREE INCH CIRCLE =	:	8		

22 Feb 1988

FILE:/PATTERNING/CENTERFIRE_PATT/C6225551

CENTERFIRE PATTERNS # 4

POA

1in circle

2in circle

3in circle

CENTROID *

OF SHOTS- 10

IN CIR

1in = 2

2in = 3

3in = 9

IS= 2.404

VS= 2.746

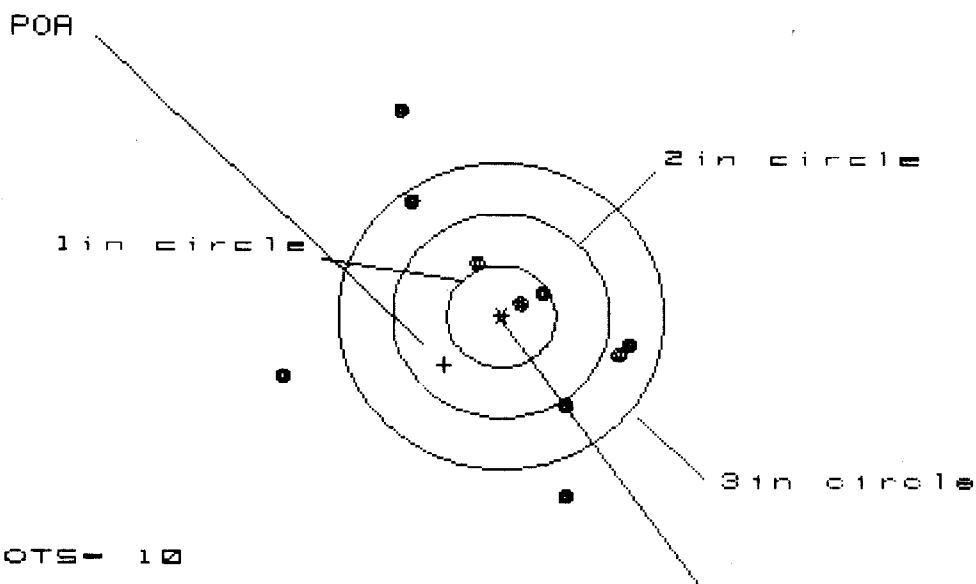
GS= 2.835

PATTERN #	:	4	9	8
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	.962	1.053	.884
MINIMUM X	:	-1.442	-1.351	-.678
MAXIMUM Y	:	1.419	1.277	1.265
MINIMUM Y	:	-1.327	-1.469	-1.481
CENTROID X	:	.452	.361	.530
CENTROID Y	:	.191	.333	.345
POA TO CENTROID in.	:	.491	.491	.633
MIN RADIUS	:	.329	.171	.240
MEAN RADIUS	:	1.104	1.037	.984
MAX RADIUS	:	1.518	1.607	1.558
HORIZONTAL SPREAD	:	2.404	2.404	1.562
VERTICAL SPREAD	:	2.746	2.746	2.746
EXTREME SPREAD	:	2.835	2.768	2.768
NUMBER IN ONE INCH CIRCLE	=			
NUMBER IN TWO INCH CIRCLE	=		3	
NUMBER IN THREE INCH CIRCLE	=		9	

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CENTERFIRE PATTERNS # 5



OF SHOTS- 10

IN CIR

1 in = 2

2 in = 3

3 in = 7

HS= 3.135

VS= 3.803

GS= 4.103

PATTERN #	:	5		
SHOTS (BEST OF)	:	10	9	8
MAXIMUM X	:	1.150	1.046	.785
MINIMUM X	:	-1.985	-2.089	-1.158
MAXIMUM Y	:	1.979	1.304	1.259
MINIMUM Y	:	-1.824	-1.604	-1.649
CENTROID X	:	.521	.625	.886
CENTROID Y	:	.475	.255	.300
POA TO CENTROID in.	:	.705	.675	.936
MIN RADIUS	:	.162	.305	.342
MEAN RADIUS	:	1.215	1.107	.926
MAX RADIUS	:	2.188	1.120	1.711
HORIZONTAL SPREAD	:	3.115	3.135	1.943
VERTICAL SPREAD	:	3.803	2.903	2.908
EXTREME SPREAD	:	4.103	3.227	3.227
NUMBER IN ONE INCH CIRCLE	:	2	3	5
NUMBER IN TWO INCH CIRCLE	:	3	5	7
NUMBER IN THREE INCH CIRCLE	:	7	7	7